Index to volume 53

Author index

A

ABELL, MURRAY R. (*See* Zuidema et al.), 689

ACKERMAN, NORMAN B., AND MCFEE, ARTHUR S. Tetracycline fluorescence in benign and malignant tissues, 247

ADAMS, JOHN E., SMITH, MAURICE C., AND WYLIE, EDWIN J., with the technical assistance of Leake, Tillie B., and Halliday, Betty. Cerebral blood flow and hemodynamics in extracranial vascular disease: effect of endarterectomy, 449

AINGER, LORIN E. (*See* Pate and Ainger), 811

ALBO, ROBERT, DE LORIMIER, ALFRED A., AND SILEN, WILLIAM. Spontaneous rupture of the stomach in the adult, 797

ALFORD, WILLIAM C., JR. Wenzel Treitz: the man and his "ligament," 556

ALLCOCK, EDWARD A., CARPENTER, ANNA-MARY, BERNSTEIN, EUGENE F., PETER, EDWARD T., AND WANGENSTEEN, OWEN H. Structural changes following gastric freezing, 764

ALLEN, JOHN. (*See* Jordan et al.), 45

AMENDOLA, FREDERICK H. (*See* Eyring and Amendola), 222

ANDERSEN, MURRAY N., MENDELOW, MARIANNE, AND WILLIAM-OLSSON, GORAN. Relationship of respiratory alkalosis to metabolic acidosis during extracorporeal circulation, 730

APRIGLIANO, FLAVIO. (*See* Paulino, Roselli, and Aprigliano), 547

AUST, J. BRADLEY. A new technique for pyloroplasty, 309

AUSTEN, W. GERALD, EBERT, PAUL A., AND GREENFIELD, LAZAR J. Mechanism of cardiac arrest in acute hypoxia, 784

AUSTIN, WILLIAM H. (*See* Rand, Austin, and Chatterjee), 456

B

BARGERON, L. M., JR. (*See* Lyons et al.), 195

BARNER, HENDRICK B., RIVERS, ROBERT J., JR., CADY, BLAKE, AND WATKINS, ELTON, JR. Survival of the canine ureter after freezing, 344

BARTOS, GABRIEL. (*See* Török et al.), 535

BAUE, ARTHUR E. (*See* Shaw and Baue), 75

BAUER, CHARLES H. (*See* Redo and Bauer), 263

BERNSTEIN, EUGENE F. (*See* Allcock et al.), 764

BIALA, HARVEY. (*See* Kissack et al.), 253

BILL, ALEXANDER H., JR. (*See* Sauvage et al.), 213

BING, RICHARD J. (*See* Blain et al.), 164

BLAIN, ALEXANDER, III, ZADEH, ABAS T., TEVES, MANUEL L., AND BING, RICHARD J. Lumbar sympathectomy for arteriosclerosis obliterans, 164

BLAIR, CHARLES R., NAY, HOWARD R., AND RUCKER, CHARLES M. Surgical repair of rectal prolapse, 625

BOHENSZKY, GEORGE. (*See* Török et al.), 535

BOLANDE, ROBERT P. (*See* Hermann, Izant, and Bolande), 664

BRALEY, SILAS A. (*See* Helmsworth et al.), 177

BRICKER, DONALD L., AND HALPERT, BÉLA. Adenomyoma of the gallbladder, 615

BRITTON, R. C. Influence of portal-systemic collateral patterns and distribution of varices on results of surgical treatment of bleeding esophageal varices, 567

BRODY, THEODORE M. (*See* Zuidema et al.), 689

BROWN, DONALD J. (*See* Mayo, Pagtalunan, and Brown), 598

BRUNSCHWIG, ALEXANDER. Spontaneous regression of cancer, 423

C

CADY, BLAKE. (*See* Barner et al.), 344

CARPENTER, ANNA-MARY. (*See* Allcock et al.), 764

CARTER, RICHARD. (*See* Turner et al.), 609

CHAMBERLIN, JAMES ALLEN, NICHOLAS, H. O., AND HANNA, ED. Experience with hyperparathyroidism, 719

CHAMBERS, ROBERT G. (*See* Rush, Chambers, and Ravitch), 270

CHATTERJEE, K. N., AND WARREN, R. Effect of internal mammary arteriovenous fistula on myocardial blood flow, 505

CHATTERJEE, MANU. (*See* Rand, Austin, and Chatterjee), 456

CHILD, CHARLES G. (*See* Zuidema et al.), 689

CLARK, LELAND C., JR. (*See* Lyons et al.), 195

CLEVELAND, B. R. (*See* Derrick, Cleveland, and Frazier), 315

COHN, BERTRAM D., AND WILMIT, SAMUEL T. Massive bleeding from duodenal ulcer in the newborn—gastric resection with survival, 806

COHN, ROY. (*See* Kountz and Cohn), 173

COLBERG, JAMES E., AND HUBAY, CHARLES A. Granular cell myoblastoma—a problem in diagnosis, 226

January, pp. 1-154; February, pp. 155-290; March, pp. 291-422; April, pp. 423-562; May, pp. 563-704; June, pp. 705-838.

COLODNY, ARNOLD H., AND HOLDER, THOMAS M. Rectal examination: a useful maneuver to aid in differentiating an incarcerated inguinal hernia from a hydrocele in infancy, 544

COOLEY, DENTON A., AND HERMAN, BERNARD E. Simple means for prevention of post-sympathectomy neuralgia, 587

D

DALE, W. ANDREW, AND SCOTT, H. WILLIAM, JR. Grafts of the venous system, 52

DEANE, PHILIP G. (*See* Sauvage et al.), 213

DE BAKEY, MICHAEL E. (*See* Jordan et al.), 45

DEFOREST, DAVID. (*See* Helmsworth et al.), 177

DEJONG, PIETER. (*See* Golding et al.), 303

DE LORIMIER, ALFRED A. (*See* Albo, de Lorimier, and Silen), 797

DERRICK, JOHN R., CLEVELAND, B. R., AND FRAZIER, J. Intramural and anomalous coronary arteries, 315

DE TAKATS, GEZA. (*See* Lindstrom and de Takats), 340

DEWEESE, JAMES A. (*See* May, DeWeese, and Rob), 513

—, AND ROGOFF, STANLEY M. Phlebographic patterns of acute deep venous thrombosis of the leg, 99

DIETHRICH, EDWARD B., AND MORRIS, JOE D. Sternal saw—new instrument for splitting the sternum, 637

DINEEN, JOSEPH P., AND REDO, S. FRANK. Pyloric obstruction due to mucosal diaphragm, 674

DOBELL, A. R. C. (*See* Wright et al.), 500

DOBERNECK, RAYMOND C. Relationship of pancreas to experimental peptic ulcer and gastric secretion, 477

DOMINGO, RUDOLFO T. (*See* Wesolowski et al.), 19

DOOHEN, D. J. (*See* Trummer, Doohen, and Timmes), 443

E

EBERT, PAUL A. (*See* Austen, Ebert, and Greenfield), 784

EDWARDS, STERLING. (*See* Lyons et al.), 195

EDWARDS, WILLIAM H. A hazard of embolus associated with indwelling intravenous catheters, 818

EFSKIND, LIEF. (*See* Foss, Messelt, and Efskind), 241

EGAN, ROBERT L. Mammography: report on 2,000 studies, 291

EYRING, EDWARD J., AND AMENDOLA, FREDERICK H. Esophageal hiatus hernia, 222

F

FARLEY, HARRISON H. (*See* Hitchcock, Farley, and Mueller), 238

FLEGE, JOHN B., JR. (*See* Helmsworth et al.), 177

FORSEE, JAMES H. (*See* Raymond and Forsee), 579

FOSS, OLAV PER, MESSELT, OLAF T., AND EFSKIND, LEIF. Isolation of cancer cells from blood and thoracic duct lymph by filtration, 241

FRABLE, MARY ANN. (*See* Goldberg and Frable), 612

FRAZIER, J. (*See* Derrick, Cleveland, and Frazier), 315

FRIES, CHARLES C. (*See* Wesolowski et al.), 19

FRIESEN, STANLEY R., AND PEARSE, A. G. EVERSON. Pathogenesis of congenital pyloric stenosis: histochemical analyses of pyloric ganglion cells, 604

G

GAISFORD, WALTER D. (*See* Zuidema et al.), 689

GALL, EDWARD A. (*See* Helmsworth et al.), 177

GANS, HENRY. Changing concepts of thrombogenesis and thrombolysis, 531

—, HANSON, MARGARET, AND KRIVIT, WILLIAM. Effect of endotoxin on clotting mechanism. III. On the relationship between hypercoagulability, plasminogen activator activity, and antithrombin activity, 792

GEISEL, T. (*See* Kuroyanagi et al.), 348

GERSHON-COHEN, J., AND YIU, LORNA S. Mammography of thrombophlebitis, 657

GILLIS, SAMUEL P. (*See* Johnson, Gillis, and Lynn), 809

GIRDANY, BERTRAM R. (*See* Sieber and Girdany), 357

GLIEDMAN, MARVIN L. (*See* Kissack et al.), 253

GOLDBERG, SAMUEL L., AND FRABLE, MARY ANN. Massive intestinal hemorrhage in regional enteritis, 612

GOLDENBERG, IRA S. Hormones and breast cancer: historical perspectives, 285

GOLDFARB, WALTER. (*See* Monafo and Goldfarb), 470

GOLDING, MICHAEL R., DEJONG, PIETER, SAWYER, PHILIP N., HENNIGAR, GORDON R., AND WESOLOWSKI, SIGMUND A. Protection from early and late sequelae of frostbite by regional sympathectomy: mechanism of "cold sensitivity" following frostbite, 303

GOTTFRIED, BERNARD, MOLOMUT, NORMAN, AND PATTI, JOSEPH. Effect of enterically supplied oxygen on a devascularized loop of ileum, 484

GREENFIELD, LAZAR J. (*See* Austen, Ebert, and Greenfield), 784

GREGORIE, H. B., JR. (*See* Othersen and Gregorie), 362

GRIFFEN, WARD O., JR., LILLEHEI, RICHARD C., AND WANGENSTEEN, OWEN H. Ileoproctostomy in ulcerative colitis: long-term follow-up, extending in early cases to more than 20 years, 705
GROTENHUIS, I. (*See* Lafave et al.), 778

H

HALL, ROBERT C. Incidence of gallstones in residents of the Panama Canal Zone, 621
HALLER, J. ALEX, JR., AND STOWENS, DANIEL. Right hepatic lobectomy in infancy, 368
HALLIDAY, BETTY. (*See* Adams, Smith, and Wylie), 449
HALPERT, BÉLA. (*See* Bricker and Halpert), 615
—. (*See* Jordan et al.), 45
HANDELSMAN, JACOB C. Statistical evaluation of the results of surgical treatment for duodenal ulcer, 289
HANNA, ED. (*See* Chamberlin, Nicholas, and Hanna), 719
HANSON, MARGARET. (*See* Gans, Hanson, and Krivit), 792
HARKINS, HENRY N. (*See* Savage et al.), 474
HARPER, HAROLD A. (*See* Simmons et al.), 677
HAWTOF, DAVID, AND MANDELBAUM, ISIDORE. Effect of Histadyl on experimental wounds, 327
HELMSWORTH, JAMES A., GALL, EDWARD A., PERRIN, EUGENE V., BRALEY, SILAS A., FLEGE, JOHN B., JR., KAPLAN, SAMUEL, AND KEIRLE, ALFRED M., with the technical assistance of DeForest, David. Occurrence of emboli during perfusion with an oxygenator pump, 177
HENNIGAR, GORDON R. (*See* Golding et al.), 303
HERMAN, BERNARD E. (*See* Cooley and Herman), 587
HERMANN, ROBERT E., IZANT, ROBERT J., JR., AND BOLANDE, ROBERT P. Aganglionosis of the intestine in siblings, 664
HERRINGTON, J. LYNWOOD, JR. A personal viewpoint and philosophy concerning the surgical treatment of duodenal ulcer, 420
HINSHAW, DAVID B. (*See* Turner et al.), 609
HIRDES, W. H. (*See* Ruding and Hirdes), 743
HITCHCOCK, CLAUDE R., FARLEY, HARRISON H., AND MUELLER, GILBERT F. Gastrointestinal suction with positive control, 238
HOLDER, THOMAS M. (*See* Colodny and Holder), 544
HOLMAN, CRANSTON W. Scalene node biopsy for determining operability of lung carcinoma, 319
HOLT, MARSH H. Bedside urine volume–specific gravity unit, 662
HUBAY, CHARLES A. (*See* Colberg and Hubay), 226
HUME, DAVID M., AND PORTER, RENO R. Acute dissecting aortic aneurysms, 122

I

IZANT, ROBERT J., JR. (*See* Hermann, Izant, and Bolande), 664

J

JEFFERSON, N. C. (*See* Kuroyanagi et al.), 348
JOERGENSON, E. J. (*See* Jones and Joergenson), 438
JOHNSON, JACK STODDARD. A new method for securing T-tubes, 437
JOHNSON, L. MORRIS, GILLIS, SAMUEL P., AND LYNN, HUGH B. Unusual complication of intravenous fluid therapy, 809
JONES, S. AUSTIN, AND JOERGENSON, E. J. Closure of duodenal wall defects, 438
JOOSSENS, J. V. (*See* van de Woestijne et al.), 332
JORDAN, GEORGE L., JR., STUMP, MICHAEL M., ALLEN, JOHN, DE BAKEY, MICHAEL E., AND HALPERT, BÉLA. Gelatin-impregnated Dacron prosthesis implanted into porcine thoracic aorta, 45
JUARDO, JUAN. (*See* Phelan and Juardo), 310
JURF, AMIN. (*See* Just-Viera and Yeager), 109
JUST-VIERA, JORGE O., AND YEAGER, GEORGE H., with the special technical assistance of Jurf, Amin, Lewers, Donald T., and Scanlan, Elizabeth. Massive lethal pulmonary emboli, 109

K

KAPLAN, SAMUEL. (*See* Helmsworth et al.), 177
KARLSON, KARL E. (*See* Kissack et al.), 253
KAUFMAN, JOSEPH J., AND MAXWELL, MORTON H. Upright aortography in the study of nephroptosis, stenotic lesions of the renal artery, and hypertension, 736
KEIRLE, ALFRED M. (*See* Helmsworth et al.), 177
KETCHAM, ALFRED S. (*See* Pomerantz and Ketcham), 589
KIM, MATTHEW. (*See* Madden and Kim), 90
KIM, Y. S. (*See* Lafave et al.), 778
KING, HAROLD, AND MANDELBAUM, ISIDORE. Permanent partial occlusion of large arteries, 155
KISSACK, ALFRED S., JR., GLIEDMAN, MARVIN L., BIALA, HARVEY, LERNER, BERNARD, AND KARLSON, KARL E. Modification of ion exchange resins for use in extracorporeal circuits, 253
KOONTZ, AMOS R. Historical analysis of femoral hernia, 551
KOUNTZ, SAMUEL L., AND COHN, ROY. Aortic blood flow following lower aortic resection and sympathectomy, 173
KRIVIT, WILLIAM. (*See* Gans, Hanson, and Krivit), 792

KUROYANAGI, Y., JEFFERSON, N. C., GEISEL, T., AND NECHELES, H. Chronic vagus stimulation of the stomach, 348

KUSTOS, JULIUS. (*See* Török et al.), 535

L

LAFAVE, J. W., GROTENHUIS, I., KIM, Y. S., MACLEAN, L. D., AND PERRY, J. F., JR. Y^{90}-tagged microspheres in adjuvant tumor therapy, 778

LASNER, JACQUES. (*See* Sparkman and Lasner), 699

LEAKE, TILLIE B. (*See* Adams, Smith, and Wylie), 449

LEE, S. B. (*See* McPhedran and Lee), 490

LERNER, BERNARD. (*See* Kissack et al.), 253

LEVY, MORRIS J., AND LILLEHEI, C. WALTON. Apparatus, application, and indications for fibrillatory cardiac arrest, 205

LEWERS, DONALD T. (*See* Just-Viera and Yeager), 109

LEWISON, EDWARD F., AND SMITH, RICHARD T. Results of breast cancer treatment at Johns Hopkins Hospital, 1946-1950; comparative results and discussion of survival in relation to treatment, 644

LIEBIG, WILLIAM J. (*See* Wesolowski et al.), 19

LIECHTI, ROBERT E., MIKKELSEN, WILLIAM P., AND SNYDER, WILLIAM H., JR. Prepyloric stenosis caused by congenital squamous epithelial diaphragm—resultant infantilism, 670

LILLEHEI, C. WALTON. (*See* Levy and Lillehei), 205

LILLEHEI, RICHARD C. (*See* Griffen, Lillehei, and Wangensteen), 705

LINDSTROM, BJORN L., AND DE TAKATS, GEZA. Bifurcational anastomosis of small arteries with pedicled grafts, 340

LOGAN, GORDON A. (*See* Sauvage et al.), 213

LULU, DONALD J. (*See* Palumbo and Lulu), 563

LYNN, HUGH B. (*See* Johnson, Gillis, and Lynn), 809

LYONS, CHAMP, MCARTHUR, KATRINA T., CLARK, LELAND C., JR., EDWARDS, STERLING, AND BARGERON, L. M., JR. Functional evaluation of surgical procedures for correction of intracardiac defects using an autoclavable platinum electrode, 195

M

MCARTHUR, KATRINA T. (*See* Lyons et al.), 195

MCCAUGHAN, JAMES S. Retrograde visualization of the hepatic veins in dogs, 352

MCFEE, ARTHUR S. (*See* Ackerman and McFee), 247

MCGONIGLE, DEE J. (*See* Simmons et al.), 677

MCGOON, DWIGHT C. Acquired aortic valve disease, 372

MCGRATH, R. (*See* Robinson, McGrath, and McGrew), 630

MCGREW, E. (*See* Robinson, McGrath, and McGrew), 630

MACLEAN, L. D. (*See* Lafave et al.), 778

MCPHEDRAN, N. T., AND LEE, S. B. Effect of intraductal or intravascular norepinephrine infusion on the development of acute hemorrhagic pancreatitis, 490

MADDEN, JOHN L., AND KIM, MATTHEW. Circumferential venous ligation in the treatment of the postphlebitic ulcer, 90

MANDELBAUM, ISIDORE. (*See* Hawtof and Mandelbaum), 327

—. (*See* King and Mandelbaum), 155

MARCHESE, FRANK P. (*See* Rosenberg and Marchese), 575

MARK, JAMES B. D. (*See* Scatliff, Mark, and Simarak), 432

MAXWELL, MORTON H. (*See* Kaufman and Maxwell), 736

MAY, ALLYN G., DEWEESE, JAMES A., AND ROB, CHARLES G. Hemodynamic effects of arterial stenosis, 513

MAYO, CHARLES W., AND PAGTALUNAN, REDENTOR J. G. Malignancy of colon and rectum in patients under 30 years of age, 711

—, —, AND BROWN, DONALD J. Lipoma of the alimentary tract, 598

MEARS, FREDRICK B. A surgical peace corps, 819

MENDELOW, MARIANNE. (*See* Andersen, Mendelow, and William-Olsson), 730

MESSELT, OLAF T. (*See* Foss, Messelt, and Efskind), 241

MIKKELSEN, WILLIAM P. (*See* Liechti, Mikkelsen, and Snyder), 670

MOLOMUT, NORMAN. (*See* Gottfried, Molomut, and Patti), 484

MONAFO, WILLIAM, AND GOLDFARB, WALTER. Postoperative peritoneal cyst, 470

MONK, ROBERT S. Preparation of Mr. U. S. A. for elective surgery, 816

MORRIS, JOE D. (*See* Diethrich and Morris), 637

MUELLER, GILBERT F. (*See* Hitchcock, Farley, and Mueller), 238

MURPHY, D. R. (*See* Wright et al.), 500

MYERS, M. BERT. A simplified mathematical approach to hip nailing, 322

N

NAY, HOWARD R. (*See* Blair, Nay, and Rucker), 625

NECHELES, H. (*See* Kuroyanagi et al.), 348

NEILL, SHERROLL A. (*See* Zuidema et al.), 689

NICHOLAS, H. O. (*See* Chamberlin, Nicholas, and Hanna), 719

NYHUS, LLOYD M. (*See* Savage et al.), 474

O

ORAHOOD, RICHARD C. (*See* Wangensteen, Orahood, and Voorhees), 756

OTHERSEN, H. B., JR., AND GREGORIE, H. B., JR. Pneumatic rupture of the stomach in a newborn infant with esophageal atresia and tracheoesophageal fistula, 362

P

PAGTALUNAN, REDENTOR J. G. (*See* Mayo and Pagtalunan), 711

—. (*See* Mayo, Pagtalunan, and Brown), 598

PALUMBO, LOUIS T., AND LULU, DONALD J. Transthoracic upper dorsal sympathectomy, 563

—, AND SHARPE, WENDELL S. Evaluation of scalene node biopsy, 639

PAP, JOHN. (*See* Török et al.), 535

PATE, JAMES W., AND AINGER, LORIN E. Aggressive approach to malignant patent ductus arteriosus, 811

PATTI, JOSEPH. (*See* Gottfried, Molomut, and Patti), 484

PAULINO, FERNANDO, ROSELLI, ANADIL, AND APRIGLIANO, FLAVIO. Congenital esophageal stricture due to tracheobronchial remnants, 547

PEARSE, A. G. EVERSON. (*See* Friesen and Pearse), 604

PERRIN, EUGENE V. (*See* Helmsworth et al.), 177

PERRY, J. F., JR. (*See* Lafave et al.), 778

PETER, EDWARD T. (*See* Allcock et al.), 764

PHELAN, JOHN T., AND JUARDO, JUAN. Chemosurgical management of carcinoma of the nose, 310

POMERANTZ, MARVIN, AND KETCHAM, ALFRED S. Lymphangiography and its surgical applications, 589

PORTER, RENO R. (*See* Hume and Porter), 122

R

RAND, PETER W., AUSTIN, WILLIAM H., AND CHATTERJEE, MANU. Abnormal diuretic patterns following open-heart surgery, 456

RAVITCH, MARK M. (*See* Rush, Chambers, and Ravitch), 270

—. (*See* Wilder et al.), 186

RAYMOND, BRUCE A., AND FORSEE, JAMES H. Acquired unilateral pulmonary artery hypoplasia, 579

REDO, S. FRANK, AND BAUER, CHARLES H. Management of achalasia in infancy and childhood, 263

—. (*See* Dineen and Redo), 674

REGAN, WILLIAM J. (*See* Tipton and Regan), 495

RIVERS, ROBERT J., JR. (*See* Barner et al.), 344

ROB, CHARLES G. Extraperitoneal approach to the abdominal aorta, 87

—. (*See* May, DeWeese, and Rob), 513

ROBICSEK, FRANCIS, SANGER, PAUL W., AND TAYLOR, FREDERICK H. Simple method of keeping the heart "alive" and functioning outside of the body for prolonged periods, 525

ROBINSON, K. P., MCGRATH, R., AND MCGREW, E. Circulating cancer cells in patients with lung tumors, 630

ROGOFF, STANLEY M. (*See* DeWeese and Rogoff), 99

ROSELLI, ANADIL. (*See* Paulino, Roselli, and Aprigliano), 547

ROSENBERG, NORMAN, AND MARCHESE, FRANK T. Perforator vein localization by heat emission detection, 575

RUCKER, CHARLES M. (*See* Blair, Nay, and Rucker), 625

RUDING, R., AND HIRDES, W. H. Extent of the gastric antrum and its significance, 743

RUSH, BENJAMIN F., JR., CHAMBERS, ROBERT G., AND RAVITCH, MARK M. Cancer of the head and neck in children, 270

—. (*See* Wilder et al.), 186

S

SANGER, PAUL W. (*See* Robicsek, Sanger, and Taylor), 525

SARKOZY, E. (*See* Wright et al.), 500

SAUVAGE, LESTER R., WOOD, STEPHEN J., BILL, ALEXANDER H., JR., LOGAN, GORDON A., AND DEANE, PHILIP G. Pericardial autografts in clinical cardiac surgery, 213

SAVAGE, LAWRENCE E., STAVNEY, L. STANTON, NYHUS, LLOYD M., AND HARKINS, HENRY N. A sensitive technique for gastric pouch collection, 474

SAWYER, PHILIP N. (*See* Golding et al.), 303

—. (*See* Wesolowski et al.), 19

SCANLAN, ELIZABETH. (*See* Just-Viera and Yeager), 109

SCATLIFF, JAMES H., MARK, JAMES B. D., AND SIMARAK, SANAN. Cinefluorography of T-tube extractions, 432

SCOTT, H. WILLIAM, JR. (*See* Dale and Scott), 52

SHARPE, WENDELL S. (*See* Palumbo and Sharpe), 639

SHAW, ROBERT S., AND BAUE, ARTHUR E. Management of sepsis complicating arterial reconstructive surgery, 75

SIEBER, WILLIAM K., AND GIRDANY, BERTRAM R. Functional intestinal obstruction in newborn infants with morphologically normal gastrointestinal tracts, 357

SILEN, WILLIAM. (*See* Albo, de Lorimier, and Silen), 797

SIMARAK, SANAN. (*See* Scatliff, Mark, and Simarak), 432

SIMEONE, F. A. Intravascular pressure, vascular tone, and sympathectomy, 1

SIMMONS, E. LEE, MCGONIGLE, DEE J., HARPER, HAROLD A., AND WYLIE, EDWIN J. Experimental aortic occlusion, 677
SMITH, MAURICE C. (*See* Adams, Smith, and Wylie), 449
SMITH, RICHARD T. (*See* Lewison and Smith), 644
SNYDER, WILLIAM H., JR. (*See* Liechti, Mikkelsen, and Snyder), 670
SPARKMAN, ROBERT S., AND LASNER, JACQUES. . . . Of Petit, 699
STALPAERT, G. (*See* van de Woestijne et al.), 332
STAMS, T. (*See* van de Woestijne et al.), 332
STAVNEY, L. STANTON. (*See* Savage et al.), 474
STOWENS, DANIEL. (*See* Haller and Stowens), 368
STUMP, MICHAEL M. (*See* Jordan et al.), 45
SZÖLLÖSSY, LADISLAS. (*See* Török et al.), 535

T

TAYLOR, FREDERICK H. (*See* Robicsek, Sanger, and Taylor), 525
TEVES, MANUEL L. (*See* Blain et al.), 164
TIMMES, J. J. (*See* Trummer, Doohen, and Timmes), 443
TIPTON, JOHN BURKE, AND REGAN, WILLIAM J. Effect of 5-fluorouracil on the adrenalectomized animal, 495
TOOLE, H. Asclepius. Part I. Asclepius in history and legend, 387
TOOLE, H. Asclepius. Part II. Critical analysis of the records of cures attributed to Asclepius, 401
TÖRÖK, BÉLA, BOHENSZKY, GEORGE, SZÖLLÖSSY, LADISLAS, KUSTOS, JULIUS, BARTOS, GABRIEL, TÓTH, EMERIC, AND PAP, JOHN. Experimental septal defects and their acute consequences, 535
TÓTH, EMERIC. (*See* Török et al.), 535
TRÉMOUROUX, J. (*See* van de Woestijne et al.), 332
TRUMMMER, M. J., DOOHEN, D. J., AND TIMMES, J. J. Open lung biopsy, 443
TURNER, GILBERT R., HINSHAW, DAVID B., CARTER, RICHARD, AND VANNIX, ROBERT S. Local gastric hypothermia in management of massive upper gastrointestinal hemorrhage, 609

V

VAN DE WALLE, J. (*See* van de Woestijne et al.), 332
VAN DE WOESTIJNE, K. P., STAMS, T., TRÉMOUROUX, J., STALPAERT, G., VAN DE WALLE, J., AND JOOSSENS, J. V. Changes in oxygen saturation and acid-base equilibrium during ventilatory standstill in dogs: an approach to the study of circulatory arrest, 332
VANNIX, ROBERT S. (*See* Turner et al.), 609
VOORHEES, ARTHUR B. (*See* Wangensteen, Orahood, and Voorhees), 756

W

WANGENSTEEN, OWEN H. (*See* Allcock et al.), 764
—. (*See* Griffen, Lillehei, and Wangensteen), 705
WANGENSTEEN, STEPHEN L., ORAHOOD, RICHARD C., AND VOORHEES, ARTHUR B. Physiologic effects of gastric hypothermia. IV. Effect on ammonia tolerance in the normal anesthetized dog, 756
WARREN, R. (*See* Chatterjee and Warren), 505
WATKINS, ELTON, JR. (*See* Barner et al.), 344
WEIR, DOUGLAS. (*See* Wilder et al.), 186
WESOLOWSKI, SIGMUND A., FRIES, CHARLES C., DOMINGO, RUDOLFO T., LIEBIG, WILLIAM J., AND SAWYER, PHILIP N. The compound prosthetic vascular graft: a pathologic survey, 19
—. (*See* Golding et al.), 303
WILDER, ROBERT J., WEIR, DOUGLAS, RUSH, BENJAMIN F., AND RAVITCH, MARK M. Methods of coordinating ventilation and closed chest cardiac massage in the dog, 186
WILLIAM-OLSSON, GORAN. (*See* Andersen, Mendelow, and William-Olsson), 730
WILMIT, SAMUEL T. (*See* Cohn and Wilmit), 806
WOOD, STEPHEN J. (*See* Sauvage et al.), 213
WRIGHT, E. S., SARKOZY, E., DOBELL, A. R. C., and Murphy, D. R. Fat globulemia in extracorporeal circulation, 500
WYLIE, EDWIN J. (*See* Adams, Smith, and Wylie), 449
—. (*See* Simmons et al.), 677

Y

YEAGER, GEORGE H. (*See* Just-Viera and Yeager), 109
YIU, LORNA S. (*See* Gershon-Cohen and Yiu), 657

Z

ZADEH, ABAS T. (*See* Blain et al.), 164
ZUIDEMA, GEORGE D., GAISFORD, WALTER D., ABELL, MURRAY R., BRODY, THEODORE M., NEILL, SHERROLL A., AND CHILD, CHARLES G. Segmental portal arterialization of canine liver, 689

A

Abdominal aorta, extraperitoneal approach (Rob), 87

Abnormal diuretic patterns following open-heart surgery (Rand, Austin, and Chatterjee), 456

Achalasia in infancy and childhood, management (Redo and Bauer), 263

Acid-base equilibrium and oxygen saturation, changes during ventilatory standstill in dogs: approach to study of circulatory arrest (van de Woestijne et al.), 332

Acidosis, metabolic, relationship to respiratory alkalosis during extracorporeal circulation (Andersen, Mendelow, and William-Olsson), 730

Acquired aortic valve disease (McGoon), 372
unilateral pulmonary artery hypoplasia (Raymond and Forsee), 579

Acute deep venous thrombosis of leg, phlebographic patterns (DeWeese and Rogoff), 99
dissecting aortic aneurysms (Hume and Porter), 122

Adenomyoma of gallbladder (Bricker and Halpert), 615

Adrenalectomized animal, effect of 5-fluorouracil on (Tipton and Regan), 495

Aganglionosis of intestine in siblings (Hermann, Izant, and Bolande), 664

Agenesis of myenteric plexus in siblings (Hermann, Izant, and Bolande), 664

Alimentary tract lipoma (Mayo, Pagtalunan, and Brown), 598

Alkalosis, respiratory, relationship to metabolic acidosis during extracorporeal circulation (Andersen, Mendelow, and William-Olsson), 730

Ammonia tolerance in normal anesthetized dog, effect of gastric hypothermia (Wangensteen, Orahood, and Voorhees), 756

Anastomosis, bifurcational, of small arteries with pedicled grafts (Lindstrom and de Takats), 340

Aneurysms, acute dissecting aortic (Hume and Porter), 122

Anomalous and intramural coronary arteries (Derrick, Cleveland, and Frazier), 315

Antithrombin activity, hypercoagulability, and plasminogen activator activity, relationship between; effect of endotoxin on clotting mechanism (Gans, Hanson, and Krivit), 792

Antrum, gastric, extent and significance (Ruding and Hirdes), 743

Aorta, abdominal, extraperitoneal approach (Rob), 87
porcine thoracic, gelatin-impregnated Dacron prosthesis implanted into (Jordan et al.), 45

Aortic aneurysms, acute dissecting (Hume and Porter), 122
blood flow following lower aortic resection and sympathectomy (Kountz and Cohn), 173
insufficiency (McGoon), 372
occlusion, experimental (Simmons et al.), 677
resection, lower, and sympathectomy, aortic blood flow following (Kountz and Cohn), 173

Aortography, upright, in study of nephroptosis, stenotic lesions of renal artery, and hypertension (Kaufman and Maxwell), 736

Arterial reconstructive surgery complicated by sepsis, management (Shaw and Baue), 75
stenosis, hemodynamic effects (May, DeWeese, and Rob), 513
thrombosis of leg, pheblographic patterns (DeWeese and Rogoff), 99

Arterialization, segmental portal, of canine liver (Zuidema et al.), 689

Arteries, acquired unilateral pulmonary, hypoplasia (Raymond and Forsee), 579
coronary, intramural and anomalous (Derrick, Cleveland, and Frazier), 315
large, permanent partial occlusion (King and Mandelbaum), 155
renal, stenotic lesions of, nephroptosis, and hypertension, upright aortography for study (Kaufman and Maxwell), 736
small, bifurcational anastomosis with pedicled grafts (Lindstrom and de Takats), 340

Arteriosclerosis obliterans, lumbar sympathectomy for (Blain et al.), 164

Arteriovenous fistula, internal mammary, effect on myocardial blood flow (Chatterjee and Warren), 505

Artificial respiration coordinated with closed chest cardiac massage in dog (Wilder et al.), 186

Asclepius in history and legend. Part I (Toole), 387

January, pp. 1-154; February, pp. 155-290; March, pp. 291-422; April, pp. 423-562; May, pp. 563-704; June, pp. 705-838.

Asclepius—Cont'd
critical analysis of records of cures. Part II (Toole), 401
Atresia, esophageal, and tracheoesophageal fistula, pneumatic rupture of stomach in newborn infant with (Othersen and Gregorie), 362
Autoclavable platinum electrode for correction of intracardiac defects (Lyons et al.), 195
Autografts, pericardial, in clinical cardiac surgery (Sauvage et al.), 213

B

Benign and malignant tissues, tetracycline fluorescence in (Ackerman and McFee), 247
Bifurcational anastomosis of small arteries with pedicled grafts (Lindstrom and de Takats), 340
Biopsy, open lung (Trummer, Doohen, and Timmes), 443
of scalene node for determining operability of lung carcinoma (Holman), 319
evaluation (Palumbo and Sharpe), 639
Bleeding esophageal varices, influence of portal-systemic collateral patterns and distribution of varices on results of surgical treatment (Britton), 567
massive, from duodenal ulcer in newborn—gastric resection with survival (Cohn and Wilmit), 806
Blood circulation, effects of arterial stenosis (May, DeWeese, and Rob), 513
flow, aortic, following lower aortic resection and sympathectomy (Kountz and Cohn), 173
cerebral, and hemodynamics in extracranial vascular disease: effect of endarterectomy (Adams, Smith, and Wylie), 449
myocardial, effect on, of internal mammary arteriovenous fistula (Chatterjee and Warren), 505
and thoracic duct lymph, cancer cells isolated from, by filtration (Foss, Messelt, and Efskind), 241
Breast cancer and hormones: historical perspectives (Goldenberg), 285
treatment at Johns Hopkins Hospital, 1946-1950, results; comparative results and discussion of survival in relation to treatment (Lewison and Smith), 644
roentgenography: report on 2,000 studies (Egan), 291
thrombophlebitis, mammography (Gershon-Cohen and Yiu), 657

C

Calcific aortic stenosis (McGoon), 372
Cancer, breast, and hormones: historical perspectives (Goldenberg), 285
Cancer, breast—Cont'd
results of treatment at Johns Hopkins Hospital, 1946-1950; comparative results and discussion of survival in relation to treatment (Lewison and Smith), 644
cells, circulating, in patients with lung tumors (Robinson, McGrath, and McGrew), 630
isolated from blood and thoracic duct lymph by filtration (Foss, Messelt, and Efskind), 241
of head and neck in children (Rush, Chambers, and Ravitch), 270
of nose, chemosurgical management (Phelan and Juardo), 310
spontaneous regression (Brunschwig), 423
Carcinoma of breast diagnosed by roentgenography (Egan), 291
of lung, operability determined by scalene node biopsy (Holman), 319
in patients with circulating cancer cells (Robinson, McGrath, and McGrew), 630
of nose, chemosurgical management (Phelan and Juardo), 310
Cardiac arrest, fibrillatory, apparatus, application, and indications (Levy and Lillehei), 205
mechanism in acute hypoxia (Austen, Ebert, and Greenfield), 784
massage, closed chest, coordinated with ventilation, in dog (Wilder et al.), 186
surgery, clinical, pericardial autografts in (Sauvage et al.), 213
Cardiopulmonary bypass, fat globulemia during (Wright et al.), 500
Catheters, indwelling intravenous, hazard of embolus associated with (Edwards), 818
Cells, cancer, isolated from blood and thoracic duct lymph by filtration (Foss, Messelt, and Efskind), 241
Cerebral blood flow and hemodynamics in extracranial vascular disease: effect of endarterectomy (Adams, Smith, and Wylie), 449
Chemosurgical management of carcinoma of nose (Phelan and Juardo), 310
Cholelithiasis, incidence in racial groups of Panama Canal Zone (Hall), 621
Chronic vagus stimulation of stomach (Kuroyanagi et al.), 348
Cinefluorography of T-tube extractions (Scatliff, Mark, and Simarak), 432
Circulation, extracorporeal, relationship of respiratory alkalosis to metabolic acidosis during (Andersen, Mendelow, and William-Olsson), 730
systems, extracorporeal, modification of ion exchange resins for use in (Kissack et al.), 253

Circulatory arrest, approach to study: changes in oxygen saturation and acid-base equilibrium during ventilatory standstill in dogs (van de Woestijne et al.), 332
Circumferential venous ligation in treatment of postphlebitic ulcer (Madden and Kim), 90
Closed chest cardiac massage coordinated with ventilation in dog (Wilder et al.), 186
Closure of duodenal wall defects (Jones and Joergenson), 438
Clotting mechanism, effect of endotoxin. III. on relationship between hypercoagulability, plasminogen activator activity, and antithrombin activity (Gans, Hanson, and Krivit), 792
"Cold sensitivity," mechanism, following frostbite (Golding et al.), 303
Colitis, ulcerative, in ileoproctostomy: long-term follow-up, extending in early cases to more than 20 years (Griffen, Lillehei, and Wangensteen), 705
Collateral patterns, portal-systemic, and distribution of varices, influence on results of surgical treatment of bleeding esophageal varices (Britton), 567
Colon and rectum, malignancy in patients under 30 years of age (Mayo and Pagtalunan), 711
Compound prosthetic vascular graft: pathologic survey (Wesolowski et al.), 19
Compression, closed chest cardiac, coordinated with artificial ventilation in dog (Wilder et al.), 186
Congenital esophageal stricture due to tracheobronchial remnants (Paulino, Roselli, and Aprigliano), 547
  megacolon in siblings (Hermann, Izant, and Bolande), 664
  pyloric stenosis, pathogenesis: histochemical analyses of pyloric ganglion cells (Friesen and Pearse), 604
  squamous epithelial diaphragm causing prepyloric stenosis—resultant infantilism (Liechti, Mikkelsen, and Snyder), 670
Constriction, arterial, permanent partial (King and Mandelbaum), 155
Cooling of stomach, physiologic effect on ammonia tolerance in normal anesthetized dog (Wangensteen, Orahood, and Voorhees), 756
Coronary arteries, intramural and anomalous (Derrick, Cleveland, and Frazier), 315
  circulation, effect on, of internal mammary arteriovenous fistula (Chatterjee and Warren), 505
Cyst, peritoneal, postoperative (Monafo and Goldfarb), 470

D

Dacron prosthesis, gelatin-impregnated, implanted into porcine thoracic aorta (Jordan et al.), 45
Deep venous thrombosis of leg, acute, phlebographic patterns (DeWeese and Rogoff), 99
Defects of duodenal wall, closure (Jones and Joergenson), 438
  septal, experimental, acute consequences (Török et al.), 535
Devascularized loop of ileum, effect on, of enterically supplied oxygen (Gottfried, Molomut, and Patti), 484
Diaphragm, congenital squamous epithelial, causing prepyloric stenosis—resultant infantilism (Liechti, Mikkelsen, and Snyder), 670
Dissecting aortic aneurysms, acute (Hume and Porter), 122
Diuretic patterns following open-heart surgery (Rand, Austin, and Chatterjee), 456
Dorsal sympathectomy, upper, transthoracic (Palumbo and Lulu), 563
Drainage by pyloroplasty, new technique (Aust), 309
Duodenal ulcer causing massive bleeding in newborn—gastric resection with survival (Cohn and Wilmit), 806
  personal viewpoint and philosophy concerning surgical treatment (Herrington), 420
  statistical evaluation of results of surgical treatment (Handelsman), 289
  wall defects, closure (Jones and Joergenson), 438

E

Electrical stimulation, continuous, for cardiac arrest (Levy and Lillehei), 205
Electrode, autoclavable platinum, for correction of intracardiac defects (Lyons et al.), 195
Emboli, fat, in extracorporeal circulation (Wright et al.), 500
  massive lethal pulmonary (Just-Viera and Yeager), 109
  occurrence during perfusion with oxygenator pump (Helmsworth et al.), 177
Embolus, hazard associated with indwelling intravenous catheters (Edwards), 818
Endarterectomy, effect on cerebral blood flow and hemodynamics in extracranial vascular disease (Adams, Smith, and Wylie), 449
Endotoxin, effect on clotting mechanism. III. on relationship between hypercoagulability, plasminogen activator activity, and antithrombin activity (Gans, Hanson, and Krivit), 792

Enterically supplied oxygen, effect on devascularized loop of ileum (Gottfried, Molomut, and Patti), 484
Enteritis, regional, massive intestinal hemorrhage in (Goldberg and Frable), 612
Epithelial diaphragm, congenital squamous, causing prepyloric stenosis—resultant infantilism (Liechti, Mikkelsen, and Snyder), 670
Esophageal atresia and tracheoesophageal fistula, pneumatic rupture of stomach in newborn infant with (Othersen and Gregorie), 362
hiatus hernia (Tyring and Amendola), 222
stricture, congenital, due to tracheobronchial remnant (Paulino, Roselli, and Aprigliano), 547
varices, bleeding, influence of portal-systemic collateral patterns and distribution of varices on results of surgical treatment (Britton), 567
Exchange resins, ion, modification for use in extracorporeal circuits (Kissack et al.), 253
Extracorporeal circuits, modification of ion exchange resins for use in (Kissack et al.), 253
circulation, fat globulemia in (Wright et al.), 500
relationship of respiratory alkalosis to metabolic acidosis during (Andersen, Mendelow, and William-Olsson), 730
Extracranial vascular disease, cerebral blood flow and hemodynamics in: effect of endarterectomy (Adams, Smith, and Wylie), 449
Extraction of T-tubes, cinefluorography (Scatliff, Mark, and Simarak), 432
Extraperitoneal approach to abdominal aorta (Rob), 87

F

Fat globulemia in extracorporeal circulation (Wright et al.), 500
Femoral hernia, historical analysis (Koontz), 551
Fibrillatory cardiac arrest, apparatus, application, and indications (Levy and Lillehei), 205
Filters for isolation of cancer cells from blood and thoracic duct lymph (Foss, Messelt, and Efskind), 241
Fistula, internal mammary arteriovenous, effect on myocardial blood flow (Chatterjee and Warren), 505
tracheoesophageal, and esophageal atresia, pneumatic rupture of stomach in newborn infant with (Othersen and Gregorie), 362
Fixation, internal, of fractured hip, simplified mathematical approach (Myers), 322
Fluid therapy, intravenous, unusual complication of (Johnson, Gillis, and Lynn), 809
Fluorescence, tetracycline, in benign and malignant tissues (Ackerman and McFee), 247
5-Fluorouracil, effect on adrenalectomized animal (Tipton and Regan), 495
Fractured hip, internal fixation, simplified mathematical approach (Myers), 322
Freezing of canine ureter, survival after (Barner et al.), 344
of stomach, structural changes following (Allcock et al.), 764
Frostbite, mechanism of "cold sensitivity" following: protection from early and late sequelae by regional sympathectomy (Golding et al.), 303
Functional intestinal obstruction in newborn infants with morphologically normal gastrointestinal tracts (Sieber and Girdany), 357

G

Gallbladder adenomyoma (Bricker and Halpert), 615
Gallstones, incidence in residents of Panama Canal Zone (Hall), 621
Ganglion cells, pyloric, histochemical analyses: pathogenesis of congenital pyloric stenosis (Friesen and Pearse), 604
Ganglionic defect in siblings (Hermann, Izant, and Bolande), 664
Gastric antrum, extent, and significance (Ruding and Hirdes), 743
freezing, structural changes following (Allcock et al.), 764
hypothermia, local, in management of massive upper gastrointestinal hemorrhage (Turner et al.), 609
physiologic effects. IV. effect on ammonia tolerance in normal anesthetized dog (Wangensteen, Orahood, and Voorhees), 756
pouch collection, sensitive technique (Savage et al.), 474
resection with survival for massive bleeding from duodenal ulcer in newborn (Cohn and Wilmit), 806
rupture, pneumatic, in newborn infant with esophageal atresia and tracheoesophageal fistula (Othersen and Gregorie), 362
secretion and experimental peptic ulcer, relationship to pancreas (Doberneck), 477
Gastrointestinal hemorrhage, massive upper, local gastric hypothermia in management (Turner et al.), 609
suction with positive control (Hitchcock, Farley, and Mueller), 238

Gastrointestinal—Cont'd
tracts, morphologically normal, functional intestinal obstruction in newborn infants with (Sieber and Girdany), 357
Gelatin-impregnated Dacron prosthesis implanted into porcine thoracic aorta (Jordan et al.), 45
Globulemia, fat, in extracorporeal circulation (Wright et al.), 500
Grafts, compound prosthetic vascular: pathologic survey (Wesolowski et al.), 19
of gelatin-impregnated Dacron (Jordan et al.), 45
pedicled, bifurcational anastomosis of small arteries with (Lindstrom and de Takats), 340
pericardial, in clinical cardiac surgery (Sauvage et al.), 213
of venous system (Dale and Scott), 52
Granular cell myoblastoma, problem in diagnosis (Colberg and Hubay), 226
Gravity, specific, urine volume, bedside unit (Holt), 662

H

Head and neck cancer in children (Rush, Chambers, and Ravitch), 270
Heart failure from malignant patent ductus arteriosus, aggressive approach (Pate and Ainger), 811
simple method of keeping "alive" and functioning outside body for prolonged periods (Robicsek, Sanger, and Taylor), 525
surgery, open, abnormal diuretic patterns following (Rand, Austin, and Chatterjee), 456
Heat emission detection for perforator vein localization (Rosenberg and Marchese), 575
Hemodynamic effects of arterial stenosis (May, DeWeese, and Rob), 513
Hemodynamics and cerebral blood flow in extracranial vascular disease: effect of endarterectomy (Adams, Smith, and Wylie), 449
Hemorrhage, massive intestinal, in regional enteritis (Goldberg and Frable), 612
upper gastrointestinal, local gastric hypothermia in management (Turner et al.), 609
Hemorrhagic pancreatitis, acute, effect of intraductal or intravascular norepinephrine infusion on development (McPhedran and Lee), 490
Hepatic arterialization, segmental portal (Zuidema et al.), 689
lobectomy, right, in infancy (Haller and Stowens), 368
veins in dogs, retrograde visualization (McCaughan), 352
Hernia, femoral, historical analysis (Koontz), 551
hiatus, esophageal (Eyring and Amendola), 222
incarcerated inguinal, differentiated from hydrocele in infancy by useful maneuver: rectal examination (Colodny and Holder), 544
Hiatus hernia, esophageal (Eyring and Amendola), 222
Hip nailing, simplified mathematical approach (Myers), 322
Hirschsprung's disease in siblings (Hermann, Izant, and Bolande), 664
Histadyl, effect on experimental wounds (Hawtof and Mandelbaum), 327
Histochemical analyses of pyloric ganglion cells: pathogenesis of congenital pyloric stenosis (Friesen and Pearse), 604
Hormones and breast cancer: historical perspectives (Goldenberg), 285
Hydrocele, differentiated from incarcerated inguinal hernia in infancy by useful maneuver: rectal examination (Colodny and Holder), 544
Hypercoagulability, plasminogen activator activity, and antithrombin activity, relationship between; effect of endotoxin on clotting mechanism (Gans, Hanson, and Krivit), 792
Hyperparathyroidism (Chamberlin, Nicholas, and Hanna), 719
Hypertension, nephroptosis, and stenotic lesions of renal artery, upright aortography for study (Kaufman and Maxwell), 736
Hypoplasia, acquired unilateral pulmonary artery (Raymond and Forsee), 579
Hypothermia, gastric physiologic effects. IV. effect on ammonia tolerance in normal anesthetized dog (Wangensteen, Orahood, and Voorhees), 756
local gastric, in management of massive upper gastrointestinal hemorrhage (Turner et al.), 609
Hypoxia, acute, mechanism of cardiac arrest in (Austen, Ebert, and Greenfield), 784

I

Ileoproctostomy in ulcerative colitis: long-term follow-up, extending in early cases to more than 20 years (Griffen, Lillehei, and Wangensteen), 705
Ileum, devascularized loop, effect on, of enterically supplied oxygen (Gottfried, Molomut, and Patti), 484
resection for ulcerative colitis (Griffen, Lillehei, and Wangensteen), 705
Implantation of compound vascular prosthetic materials (Wesolowski et al.), 19
of gelatin-impregnated Dacron prosthesis into porcine thoracic aorta (Jordan et al.), 45

Incarcerated inguinal hernia differentiated from hydrocele in infancy by useful maneuver: rectal examination (Colodny and Holder), 544

Indwelling intravenous catheters, hazard of embolus associated with (Edwards), 818

Infantilism resulting from prepyloric stenosis caused by congenital squamous epithelial diaphragm (Liechti, Mikkelsen, and Snyder), 670

Inguinal hernia, incarcerated, differentiated from hydrocele in infancy by useful maneuver: rectal examination (Colodny and Holder), 544

Insufficiency, aortic (McGoon), 372

Internal fixation of fractured hip, simplified mathematical approach (Myers), 322

mammary arteriovenous fistula, effect on myocardial blood flow (Chatterjee and Warren), 505

Intestinal aganglionosis in siblings (Hermann, Izant, and Bolande), 664

hemorrhage, massive, in regional enteritis (Goldberg and Frable), 612

obstruction, functional, in newborn infants with morphologically normal gastrointestinal tracts (Sieber and Girdany), 357

Intestine, devascularized loop, ability to absorb intraluminally supplied oxygen (Gottfried, Molomut, and Patti), 484

Intracardiac defects corrected with autoclavable platinum electrode (Lyons et al.), 195

Intracaths, hazard of embolus associated with (Edwards), 818

Intraductal or intravascular norepinephrine infusion, effect on development of acute hemorrhagic pancreatitis (McPhedran and Lee), 490

Intramural and anomalous coronary arteries (Derrick, Cleveland, and Frazier), 315

Intravascular or intraductal norepinephrine infusion, effect on development of acute hemorrhagic pancreatitis (McPhedran and Lee), 490

pressure, vascular tone, and sympathectomy (Simeone), 1

Intravenous catheters, indwelling, hazard of embolus associated with (Edwards), 818

fluid therapy, unusual complication of (Johnson, Gillis, and Lynn), 809

Ion exchange resins, modification for use in extracorporeal circuits (Kissack et al.), 253

Ischemic myocardium, effect of internal mammary arteriovenous fistula on blood supply to (Chatterjee and Warren), 505

L

Lesions, malignant, of head and neck in children (Rush, Chambers, and Ravitch), 270

stenotic, of renal artery, nephroptosis, and hypertension, upright aortography for study (Kaufman and Maxwell), 736

Lethal pulmonary emboli, massive (Just-Viera and Yeager), 109

"Ligament" of Wenzel Treitz (Alford), 556

Ligation, circumferential venous, in treatment of postphlebitic ulcer (Madden and Kim), 90

Lipoma of alimentary tract (Mayo, Pagtalunan, and Brown), 598

Liver, canine, segmental portal arterialization (Zuidema et al.), 689

right lobectomy, in infancy (Haller and Stowens), 368

Lobectomy, right hepatic, in infancy (Haller and Stowens), 368

Localization of perforator vein by heat emission detection (Rosenberg and Marchese), 575

Lumbar sympathectomy for arteriosclerosis obliterans (Blain et al.), 164

simple means for prevention of postsympathectomy neuralgia (Cooley and Herman), 587

Lung biopsy, open (Trummer, Doohen, and Timmes), 443

carcinoma, operability determined by scalene node biopsy (Holman), 319

tumors in patients with circulating cancer cells (Robinson, McGrath, and McGrew), 630

Lymph, thoracic duct, and blood, cancer cells isolated from, by filtration (Foss, Messelt, and Efskind), 241

Lymphangiography and its surgical applications (Pomerantz and Ketcham), 589

M

Malignancy of colon and rectum in patients under 30 years of age (Mayo and Pagtalunan), 711

Malignant and benign tissues, tetracycline fluorescence in (Ackerman and McFee), 247

neoplasms of head and neck in children (Rush, Chambers, and Ravitch), 270

neoplastic disease, spontaneous regression (Brunschwig), 423

patent ductus arteriosus, aggressive approach (Pate and Ainger), 811

Mammary arteriovenous fistula, internal effect on myocardial blood flow (Chatterjee and Warren), 505

Mammography: report on 2,000 studies (Egan), 291

Mammography—Cont'd
of thrombophlebitis (Gershon-Cohen and Yiu), 657
Massive lethal pulmonary emboli (Just-Viera and Yeager), 109
Mathematical approach to hip nailing (Myers), 322
Megacolon, congenital, in siblings (Hermann, Izant, and Bolande), 664
Metabolic acidosis, relationship to respiratory alkalosis during extracorporeal circulation (Andersen, Mendelow, and William-Olsson), 730
Microspheres, Y^{90}-tagged, in adjuvant tumor therapy (Lafave et al.), 778
Mucosal diaphragm causing pyloric obstruction (Dineen and Redo), 674
Myoblastoma, granular cell, diagnosis (Colberg and Hubay), 226
Myocardial blood flow, effect on, of internal mammary arteriovenous fistula (Chatterjee and Warren), 505

N

Nailing hip, simplified mathematical approach (Myers), 322
Nasogastrointestinal suction device with positive control (Hitchcock, Farley, and Mueller), 238
Neck and head cancer in children (Rush, Chambers, and Ravitch), 270
Neoplasms, malignant, of head and neck in children (Rush, Chambers, and Ravitch), 270
Nephroptosis, stenotic lesions of renal artery, and hypertension, upright aortography for study (Kaufman and Maxwell), 736
Neuralgia, postsympathectomy, simple means for prevention (Cooley and Herman), 587
Node, scalene, biopsy for determining operability of lung carcinoma (Holman), 319
evaluation (Palumbo and Sharpe), 639
Noradrenaline, intraductal or intravascular, effect of infusion on development of acute hemorrhagic pancreatitis (McPhedran and Lee), 490
Norepinephrine, intraductal or intravascular, effect of infusion on development of acute hemorrhagic pancreatitis (McPhedran and Lee), 490
Nose carcinoma, chemosurgical management (Phelan and Juardo), 310

O

Obstruction, intestinal, functional, in newborn infants with morphologically normal gastrointestinal tracts (Sieber and Girdany), 357
Occlusion, aortic, experimental (Simmons et al.), 677
permanent partial, of large arteries (King and Mandelbaum), 155
prolonged, of distal aorta, experimental (Simmons et al.), 677
Open lung biopsy (Trummer, Doohen, and Timmes), 443
Open-heart surgery, abnormal diuretic patterns following (Rand, Austin, and Chatterjee), 456
Operability of lung carcinoma determined by scalene node biopsy (Holman), 319
Oxygen, enterically supplied, effect on devascularized loop of ileum (Gottfried, Molomut, and Patti), 484
saturation and acid-base equilibrium, changes during ventilatory standstill in dogs: approach to study of circulatory arrest (van de Woestijne et al.), 332
Oxygenator pump, occurrence of emboli during perfusion with (Helmsworth et al.), 177

P

Pancreas, relationship to experimental peptic ulcer and gastric secretion (Doberneck), 477
Pancreatitis, hemorrhagic, acute, effect of intraductal or intravascular norepinephrine infusion on development (McPhedran and Lee), 490
Parathyroid glands, disease (Chamberlin, Nicholas, and Hanna), 719
Partial occlusion, permanent, of large arteries (King and Mandelbaum), 155
Patent ductus arteriosus, malignant, aggressive approach (Pate and Ainger), 811
Peace corps, surgical (Mears), 819
Pedicled grafts, bifurcational anastomosis of small arteries with (Lindstrom and de Takats), 340
Peptic ulcer, experimental, and gastric secretion, relationship to pancreas (Doberneck), 477
Perforation of stomach in newborn infant with esophageal atresia and tracheoesophageal fistula (Othersen and Gregorie), 362
Perforator vein localization by heat emission detection (Rosenberg and Marchese), 575
Perfusion with oxygenator pump, occurrence of emboli during (Helmsworth et al.), 177
Pericardial autografts in clinical cardiac surgery (Sauvage et al.), 213
Peritoneal cyst, postoperative (Monafo and Goldfarb), 470
Petit, Jean Louis (Sparkman and Lasner), 699
Phlebographic patterns of acute deep venous thrombosis of leg (DeWeese and Rogoff), 99

Plasminogen activator activity, hypercoagulability, and antithrombin activity, relationship between; effect of endotoxin on clotting mechanism (Gans, Hanson, and Krivit), 792
Plasminogen-plasmin system, role in thrombogenesis (Gans), 531
Platinum electrode, autoclavable, for correction of intracardiac defects (Lyons et al.), 195
Pneumatic rupture of stomach in newborn infant with esophageal atresia and tracheoesophageal fistula (Othersen and Gregorie), 362
Portal arterialization, segmental, of canine liver (Zuidema et al.), 689
Portal-systemic collateral patterns and distribution of varices, influence on results of surgical treatment of bleeding esophageal varices (Britton), 567
Postoperative peritoneal cyst (Monafo and Goldfarb), 470
Postphlebitic ulcer, circumferential venous ligation in treatment (Madden and Kim), 90
Postsympathectomy neuralgia, simple means for prevention (Cooley and Herman), 587
Pouch, gastric, sensitive technique for collection (Savage et al.), 474
Preoperative care in elective surgery (Monk), 816
Preparation of Mr. U. S. A. for elective surgery (Monk), 816
Prepyloric stenosis caused by congenital squamous epithelial diaphragm—resultant infantilism (Liechti, Mikkelsen, and Snyder), 670
Pressure, intravascular, vascular tone, and sympathectomy (Simeone), 1
Procidentia, rectal, surgical repair (Blair, Nay, and Rucker), 625
Prolapse, rectal, surgical repair (Blair, Nay, and Rucker), 625
Prosthesis, gelatin-impregnated Dacron, implanted into porcine thoracic aorta (Jordan et al.), 45
Prosthetic vascular graft, compound: pathologic survey (Wesolowski et al.), 19
Pulmonary artery hypoplasia, acquired unilateral (Raymond and Forsee), 579
emboli, massive lethal (Just-Viera and Yeager), 109
lesions, diagnosed by open lung biopsy (Trummer, Doohen, and Timmes), 443
Pump oxygenator, occurrence of emboli during perfusion with (Helmsworth et al.), 177
Pyloric ganglion cells, histochemical analyses: pathogenesis of congenital pyloric stenosis (Friesen and Pearse), 604
muscle, new technique for operation upon (Aust), 309
Pyloric—Cont'd
obstruction due to mucosal diaphragm (Dineen and Redo), 674
stenosis, congenital, pathogenesis: histochemical analyses of pyloric ganglion cells (Friesen and Pearse), 604
Pyloroplasty, new technique (Aust), 309

R

Radiopaque clots for study of pulmonary embolism (Just-Viera and Yeager), 109
Reconstructive surgery, arterial, complicated by sepsis, management (Shaw and Baue), 75
Rectal disease, status during resection of ileum for ulcerative colitis (Griffen, Lillehei, and Wangensteen), 705
examination: useful maneuver to aid in differentiating incarcerated inguinal hernia from hydrocele in infancy (Colodny and Holder), 544
prolapse, surgical repair (Blair, Nay, and Rucker), 625
Rectum and colon, malignancy in patients under 30 years of age (Mayo and Pagtalunan), 711
Regional enteritis, massive intestinal hemorrhage in (Goldberg and Frable), 612
sympathectomy for protection from early and late sequelae of frostbite (Golding et al.), 303
Regression of cancer, spontaneous (Brunschwig), 423
Renal artery, stenotic lesions of, nephroptosis, and hypertension, upright aortography study (Kaufman and Maxwell), 736
Resection, gastric, with survival, for massive bleeding from duodenal ulcer in newborn (Cohn and Wilmit), 806
lower aortic, and sympathectomy, aortic blood flow following (Kountz and Cohn), 173
Resins, ion exchange, modification for use in extracorporeal circuits (Kissack et al.), 253
Respiration, artificial, coordinated with closed chest cardiac massage in dog (Wilder et al.), 186
Respiratory alkalosis, relationship to metabolic acidosis during extracorporeal circulation (Andersen, Mendelow, and William-Olsson), 730
Retrograde visualization of hepatic veins in dogs (McCaughan), 352
Roentgenography of breast: report on 2,000 studies (Egan), 291
Rupture, pneumatic, of stomach in newborn infant with esophageal atresia and tracheoesophageal fistula (Othersen and Gregorie), 362
spontaneous, of stomach in adult (Albo, de Lorimier, and Silen), 797

S

Saturation, oxygen, and acid-base equilibrium, changes during ventilatory standstill in dogs: approach to study of circulatory arrest (van de Woestijne et al.), 332
Scalene node biopsy for determining operability of lung carcinoma (Holman), 319
evaluation (Palumbo and Sharpe), 639
Secretion, gastric, and experimental peptic ulcer, relationship to pancreas (Doberneck), 477
Secretory changes, gastric, studied by sensitive technique for pouch collection (Savage et al.), 474
Segmental portal arterialization of canine liver (Zuidema et al.), 689
"Sensitivity, cold," mechanism, following frostbite (Golding et al.), 303
Sepsis complicating arterial reconstructive surgery, management (Shaw and Baue), 75
Septal defects, correction with autoclavable platinum electrode (Lyons et al.), 195
experimental, acute consequences (Török et al.), 535
Skin thermometry for perforator vein localization (Rosenberg and Marchese), 575
Small arteries, bifurcational anastomosis with pedicled grafts (Lindstrom and de Takats), 340
Spontaneous regression of cancer (Brunschwig), 423
rupture of stomach in adult (Albo, de Lorimier, and Silen), 797
Squamous epithelial diaphragm, congenital, causing prepyloric stenosis—resultant infantilism (Liechti, Mikkelsen, and Snyder), 670
Statistical evaluation of results of surgical treatment for duodenal ulcer (Handelsman), 289
Stenosis, arterial, hemodynamic effects (May, DeWeese, and Rob), 513
calcific aortic (McGoon), 372
congenital esophageal, due to tracheobronchial remnants (Paulino, Roselli, and Aprigliano), 547
pyloric, pathogenesis: histochemical analyses of pyloric ganglion cells (Friesen and Pearse), 604
prepyloric, caused by congenital squamous epithelial diaphragm—resultant infantilism (Liechti, Mikkelsen, and Snyder), 670
of small arteries with pedicled grafts (Lindstrom and de Takats), 340
Stenotic lesions of renal artery, nephroptosis, and hypertension, upright aortography for study (Kaufman and Maxwell), 736
Sternal saw—new instrument for splitting sternum (Diethrich and Morris), 637
Sternotomy, midline, new instrument, sternal saw (Diethrich and Morris), 637
Stimulation, vagus, chronic, of stomach (Kuroyanagi et al.), 348
Stomach, chronic vagus stimulation (Kuroyanagi et al.), 348
cooling, physiologic effects on ammonia tolerance in normal anesthetized dog (Wangensteen, Orahood, and Voorhees), 756
pneumatic rupture, in newborn infant with esophageal atresia and tracheoesophageal fistula (Othersen and Gregorie), 362
spontaneous rupture in adult (Albo, de Lorimier, and Silen), 797
Stricture, congenital esophageal, due to tracheobronchial remnants (Paulino, Roselli, and Aprigliano), 547
Structural changes following gastric freezing (Allcock et al.), 764
Suction, gastrointestinal, with positive control (Hitchcock, Farley, and Mueller), 238
Surgery, elective, preparation for (Monk), 816
Surgical peace corps (Mears), 819
treatment of duodenal ulcer, personal viewpoint and philosophy (Herrington), 420
Sympathectomy, intravascular pressure, and vascular tone (Simeone), 1
and lower aortic resection, aortic blood flow following (Kountz and Cohn), 173
lumbar, for arteriosclerosis obliterans (Blain et al.), 164
regional, for protection from early and late sequelae of frostbite (Golding et al.), 303
simple means for prevention of neuralgia after (Cooley and Herman), 587
transthoracic upper dorsal (Palumbo and Lulu), 563
Synthetic vascular graft material (Wesolowski et al.), 19

T

Tetracycline fluorescence in benign and malignant tissues (Ackerman and McFee), 247
Thoracic duct lymph and blood, cancer cells isolated from, by filtration (Foss, Messelt, and Efskind), 241
Thrombogenesis and thrombolysis, changing concepts (Gans), 531
Thrombolysis and thrombogenesis, changing concepts (Gans), 531
Thrombophlebitis, mammography (Gershon-Cohen and Yiu), 657
Thrombosis, acute deep venous, of leg, phlebographic patterns (DeWeese and Rogoff), 99
Tracheobronchial remnants causing congenital esophageal stricture (Paulino, Roselli, and Aprigliano), 547

Tracheoesophageal fistula and esophageal atresia, pneumatic rupture of stomach in newborn infant with (Othersen and Gregorie), 362
Transplantation of heart, simple method for keeping "alive" and functioning outside body for prolonged periods (Robicsek, Sanger, and Taylor), 525
Transthoracic upper dorsal sympathectomy (Palumbo and Lulu), 563
Treitz, Wenzel, and his "ligament" (Alford), 556
T-tube extractions, cinefluorography (Scatliff, Mark, and Simarak), 432
new method for securing (Johnson), 437
Tumor(s) cells isolated from blood and thoracic duct lymph by filtration (Foss, Messelt, and Efskind), 241
granular cell myoblastoma, diagnosis (Colberg and Hubay), 226
of head and neck in children (Rush, Chambers, and Ravitch), 270
lipomatous, of alimentary tract (Mayo, Pagtalunan, and Brown), 598
of lung in patients with circulating cancer cells (Robinson, McGrath, and McGrew), 630
scalene node biopsy to determine operability (Holman), 319
of nose, chemosurgical management (Phelan and Juardo), 310
removed from liver in infancy (Haller and Stowens), 368
therapy, adjuvant, Y^{90}-tagged microspheres (Lafave et al.), 778

U

Ulcer, duodenal, causing massive bleeding in newborn—gastric resection with survival (Cohn and Wilmit), 806
personal viewpoint and philosophy concerning surgical treatment (Herrington), 420
statistical evaluation of results of surgical treatment (Handelsman), 289
peptic and gastric secretion, relationship to pancreas (Doberneck), 477
postphlebitic, circumferential venous ligation in treatment (Madden and Kim), 90
Ulcerative colitis, ileoproctostomy in: long-term follow-up, extending in early cases to more than 20 years (Griffen, Lillehei, and Wangensteen), 705
Unilateral pulmonary artery hypoplasia, acquired (Raymond and Forsee), 579
Upright aortography in study of nephroptosis, stenotic lesions of renal artery, and hypertension (Kaufman and Maxwell), 736
Ureter, canine, survival after freezing (Barner et al.), 344
Urine volume–specific gravity unit, bedside (Holt), 662

V

Vagus stimulation, chronic, of stomach (Kuroyanagi et al.), 348
Valve, aortic, acquired disease (McGoon), 372
Varices, bleeding esophageal, influence of portal-systemic collateral patterns and distribution of varices on results of surgical treatment (Britton), 567
Vascular disease, extracranial, cerebral blood flow and hemodynamics in: effect of endarterectomy (Adams, Smith, and Wylie), 449
graft, compound prosthetic: pathologic survey (Wesolowski et al.), 19
resistance after sympathectomy (Simeone), 1
Veins, hepatic, in dogs, retrograde visualization (McCaughan), 352
perforator, localization by heat emission detection (Rosenberg and Marchese), 575
Venous ligation, circumferential, in treatment of postphlebitic ulcer (Madden and Kim), 90
system grafts (Dale and Scott), 52
thrombosis, acute deep, of leg, phlebographic patterns (DeWeese and Rogoff), 99
Ventilation coordinated with closed chest cardiac massage in dog (Wilder et al.), 186
Ventilatory standstill in dogs, changes in oxygen saturation and acid-base equilibrium: approach to study of circulatory arrest (van de Woestijne et al.), 332
Viability of canine ureter after freezing (Barner et al.), 344
Visualization, retrograde, of hepatic veins in dogs (McCaughan), 352

W

Wounds, experimental, effect of Histadyl (Hawtof and Mandelbaum), 327

Y

Y^{90}-tagged microspheres in adjuvant tumor therapy (Lafave et al.), 778